

# Ana Oberlintner

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9

papers

82

citations

6

h-index

9

g-index

10

ext. papers

146

ext. citations

6.2

avg, IF

3.15

L-index

#	Paper	IF	Citations
9	Hydrophilic to hydrophobic: Ultrafast conversion of cellulose nanofibrils by cold plasma fluorination. <i>Applied Surface Science</i> , <b>2022</b> , 581, 152276	6.7	3
8	Permanent hydrophobic coating of chitosan/cellulose nanocrystals composite film by cold plasma processing. <i>Applied Surface Science</i> , <b>2022</b> , 153562	6.7	0
7	Hydrophobic functionalization reactions of structured cellulose nanomaterials: Mechanisms, kinetics and in silico multi-scale models. <i>Carbohydrate Polymers</i> , <b>2021</b> , 259, 117742	10.3	8
6	Functional Nanocellulose, Alginate and Chitosan Nanocomposites Designed as Active Film Packaging Materials. <i>Polymers</i> , <b>2021</b> , 13,	4.5	6
5	Biodegradability study of active chitosan biopolymer films enriched with Quercus polyphenol extract in different soil types. <i>Environmental Technology and Innovation</i> , <b>2021</b> , 21, 101318	7	13
4	Lignocellulosic Corn Stover Biomass Pre-Treatment by Deep Eutectic Solvents (DES) for Biomethane Production Process by Bioresource Anaerobic Digestion. <i>Sustainability</i> , <b>2021</b> , 13, 10504	3.6	7
3	Formulation of active food packaging by design: Linking composition of the film-forming solution to properties of the chitosan-based film by response surface methodology (RSM) modelling. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 160, 971-978	7.9	11
2	From waste/residual marine biomass to active biopolymer-based packaging film materials for food industry applications: A review. <i>Physical Sciences Reviews</i> , <b>2020</b> , 5,	1.4	5
1	Natural plant extracts as active components in chitosan-based films: A comparative study. <i>Food Packaging and Shelf Life</i> , <b>2019</b> , 21, 100365	8.2	29